

Accelerated Innovation Deployment (AID) Demonstration

Notice of Funding Availability (NOFA) and Request for Applications

March 5, 2014



U.S. Department of Transportation
Federal Highway Administration

Agenda

- ❑ **Program Background**
- ❑ **Program Overview**
- ❑ **Selection Criteria**
- ❑ **Submitting Applications**
- ❑ **Program Questions?**
 - ❖ **Through chat pod**
 - ❖ **Over the phone at the end**



Program Background

MAP-21

Moving Ahead for Progress in the 21st Century

Technology and Innovation Deployment Program (TIDP)



Accelerated
Implementation and
Deployment of
Pavement
Technologies

AID: Accelerated Innovation Deployment

Establish and carry out demonstration programs

AID Demonstration NOFA Process



Federal eRulemaking Portal:
<http://www.regulations.gov>

Docket number:
FHWA-2013-0048

- Interim NOFA and request for comments published on November 1, 2013
- FHWA received comments on proposed selection criteria and requirements by November 22, 2013
- FHWA considered comments and published final NOFA on February 19, 2014

Technology and Innovation Deployment Program (TIDP) Goals

- Accelerate adoption of innovative technologies in **all aspects of highway transportation**
- Provide leadership and incentives
- Construct longer-lasting highways
- Improve highway efficiency, safety, mobility, reliability, service life, environmental protection, and sustainability

AID Demonstration Funding

Approximately **\$30,000,000** program

- **Multiple awards** each fiscal year
- Apply when **project ready to initiate within 6 months**
- **Full cost of innovation**, up to **\$1 million** per award
- Award goals **per fiscal year**:
 - **\$14 million for States**
 - Up to 2 awards per State
 - Up to one for State DOT
 - Up to one for subrecipient (MPO or local government)
 - **\$1 million for FLMA and tribal governments**
 - Up to 1 award per applicant

AID Demonstration Approach

- Open, rolling solicitation
- Awards determined on **first submitted basis**
- Funds **allocated upon award** selection
- Award **recipients must obligate awarded funds** to project **within 6 months**
- Applications must be submitted through



Who is eligible?

May apply directly through www.grants.gov

- State Department of Transportation
- Federal Land Management Agency
- Tribal Government (federally recognized)

May apply through **State DOT** as subrecipient

- Metropolitan Planning Organization
- Local Government

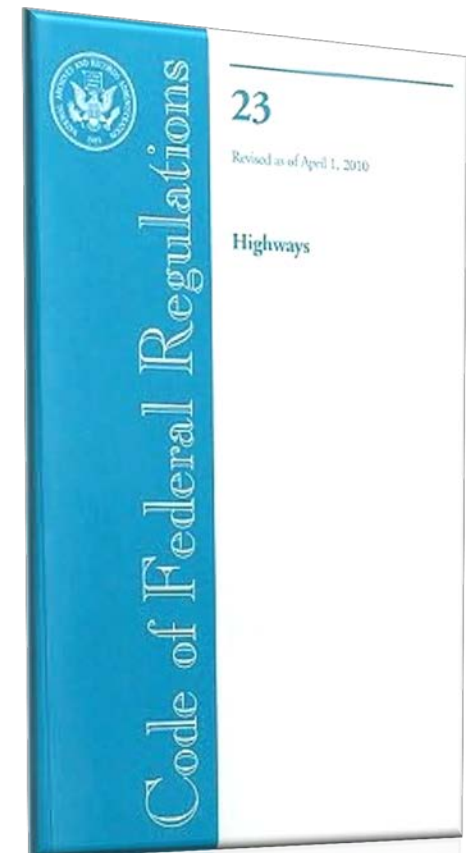


Eligible Projects

Demonstration funds are available for activities eligible for assistance under **title 23, United States Code**

Eligible projects may be in *any* aspect of **highway transportation** including:

planning, financing, operation, structures, materials, pavements, environment, and construction.



AID Demonstration Selection Criteria

- ✓ Project ready to initiate within 6 months of applying
- ✓ Proven innovation with **documented benefits***
 - ✓ aligns with TIDP goals
 - ✓ not routinely used by applicant
 - ✓ significant improvement from conventional practice of the applicant

*FHWA encourages use of innovations included in Every Day Counts (EDC) initiative



Initially limited to 3 awards per innovation

Example of Award A

Accelerated Bridge Construction: Lateral slide

- Total project cost: \$2 million
- Cost of innovation: \$1.2million
 - Bridge construction
 - Lateral slide costs
- AID Demonstration fund award: \$1 million

Example of Award A cont'd

Total Project Cost = \$2,000,000		
Funding Category	Federal share	Non-Federal share
STP (80/20)	\$1,600,000	\$400,000
Total	\$1,600,000	\$400,000

Example of Award A cont'd

Total Project Cost = \$2,000,000		
Funding Category	Federal share	Non-Federal share
STP (80/20)	\$600,000	\$150,000
TIDP: AID Demo (80/20)	\$1,000,000	\$250,000
Total	\$1,600,000	\$400,000

Example of Award B

High Friction Surface Treatment

- Application specifies 4 project sites
- Total combined cost of 4 projects: \$240,000
- Cost of innovation on projects
 - Site A: \$45,000
 - Site B: \$40,000
 - Site C: \$35,000
 - Site D: \$40,000
- AID Demonstration fund award: \$160,000

What about Statewide Innovations?

Programmatic Agreements

- Innovation impacts many FHWA-funded projects
 - Provides cost savings, reduction in time
 - Not tied to one project or corridor
- Opportunity for State Transportation Innovation Council (STIC) incentive
 - Up to \$100,000 available to each STIC per year
 - Fund activities to make an innovation standard practice statewide
 - Examples: developing standards and specifications, preparing SOPs or technical guidance, developing/delivering training, etc.

MAP-21 Section 1304

Innovative Project Delivery

- Incentive is an increase of federal share on a project by up to 5%
- Restricted to NHPP, STP and PL funding categories
- Technologies and practices should be truly innovative to the State

www.fhwa.dot.gov/map21/qandas/qaipd.cfm

AID Demonstration Applicant Commitments

- Applicant must indicate willingness to:
 - participate in monitoring and assessment activities
 - participate in technology transfer activities
 - accept FHWA oversight of the project
 - conduct before/after customer satisfaction determination for construction projects
- Award recipient must submit a **final report** within 6 months of project completion that includes:
 - ✓ process
 - ✓ benefits
 - ✓ lessons learned

Application Process

www.grants.gov

The screenshot shows the Grants.gov website interface. At the top right, there are links for CONTACT US, MANAGE SUBSCRIPTIONS, REGISTER, and LOGIN. Below these is a search bar with a dropdown menu set to 'Grant Opportunities' and a 'GO' button. A navigation menu includes HOME, ABOUT, SEARCH GRANTS (highlighted), APPLICANTS, GRANTORS, SYSTEM-TO-SYSTEM, FORMS, OUTREACH, and SUPPORT. The main content area is titled 'SEARCH GRANTS' and includes a breadcrumb 'GRANTS.GOV > Search Grants'. Under 'BASIC SEARCH CRITERIA:', there are input fields for 'Keyword(s)', 'Funding Opp #' (containing 'FHWA-2013-0048'), and 'CFDA Number'. A 'SEARCH' button is located below these fields. To the right, there are 'SORT BY:' and 'DATE RANGE:' dropdown menus. Below the search criteria, a blue banner indicates '1 - 1 OF 1 MATCHING RESULTS:'. A table displays the search results with columns for Funding Opportunity #, Opportunity Title, Agency, Open Date, and Close Date.

GRANTS.GOV SM
FIND. APPLY. SUCCEED.SM

CONTACT US | MANAGE SUBSCRIPTIONS | REGISTER | LOGIN

SEARCH: Grant Opportunities ▾ Enter Keyword... **GO**

HOME ABOUT **SEARCH GRANTS** APPLICANTS GRANTORS SYSTEM-TO-SYSTEM FORMS OUTREACH SUPPORT

GRANTS.GOV > Search Grants

SEARCH GRANTS

BASIC SEARCH CRITERIA: [Search Tips](#) | [Export Results](#)

Keyword(s):

Funding Opp #:

CFDA Number:

SEARCH

SORT BY: Open Date (Descending) ▾

DATE RANGE: All Available ▾

1 - 1 OF 1 MATCHING RESULTS:

Funding Opportunity #	Opportunity Title	Agency	Open Date ↓	Close Date
FHWA-2013-0048	Accelerated Innovation Deployment (AID) Demonstration	DOT Federal Highway Administration	02/19/2014	

FHWA-2013-0048



Contents of Application

Complete application includes:

(1) Standard Form 424 (SF 424)

(2) Narrative attachment to SF 424

[View Burden Statement](#) OMB Number: 4040-0004
Expiration Date: 8/31/2016

Application for Federal Assistance SF-424		
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>
* 3. Date Received: <small>Completed by Grants.gov upon submission.</small> <input type="text"/>	4. Applicant Identifier: <input type="text"/>	
5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>	
State Use Only:		
6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>	
8. APPLICANT INFORMATION:		
* a. Legal Name: <input type="text"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text"/>	* c. Organizational DUNS: <input type="text"/>	
d. Address:		
* Street1: Street2: * City:	<input type="text"/> <input type="text"/> <input type="text"/>	

Program Information

www.fhwa.dot.gov/accelerating/grants

- NOFA
- Program guidance
- Application information
 - Sample SF 424
 - Narrative attachment template
- Coming soon
 - FAQs
 - Awarded project information

The screenshot shows the FHWA website's 'Accelerating Innovation' section. The main navigation bar includes 'U.S. Department of Transportation Federal Highway Administration', 'About', 'Programs', 'Resources', 'Briefing Room', 'Contact', and 'Search FHWA'. Below this is a search bar for 'Accelerating Innovation'. The main content area is titled 'Apply for a Grant' and features a navigation menu with 'Find an Innovation', 'Apply for a Grant', 'Get Engaged', 'Every Day Counts', and 'Highways for LIFE'. The 'Apply for a Grant' section is highlighted in purple. The main heading is 'Accelerated Innovation Deployment (AID) Demonstration'. The text describes the AID Demonstration as funding for eligible entities to accelerate innovation in highway transportation. It includes a circular logo for 'Every Day Counts' and a list of links: 'Program Background', 'Program Funding', 'Eligibility and Requirements', and 'Program Guidance'. A note states: 'Please check the NOFA to learn more about the selection criteria, application requirements and evaluation process.' On the right, a 'How to Apply?' section explains that applications must be submitted through Grants.gov and that applicants need to be registered with Grants.gov. It lists the application components: 'Standard Form 424 (SF-424) Application for Federal Assistance' and 'narrative attachment to the SF 424'. At the bottom, it says 'Apply at grants.gov' and 'Search for FHWA-2013-0048'. Two references for applicants are listed, with a link to 'Program Guidance'.

FAQ

1. When are applications due?
2. What does “ready to initiate” mean?
3. How do you determine cost of an innovation?
4. Can a project already underway qualify for the AID Demonstration program?
5. What is the pro rata for TIDP funds?
6. Who collects information, evaluates, and monitors the award?
7. What is the timeframe for reviewing an application and awarding funds?

Questions?

Final NOFA and Request for Applications
<https://federalregister.gov/a/2014-03452>

www.fhwa.dot.gov/accelerating/grants

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